

PTO/SB/21 (08/00)

MODIFIED

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

213200.00072

* plus reference copies

Filing Date	08/01/2001
First Named Inventor	Pierte ROO
Group Art Unit	2682
Examiner Name	Eugene Yun
	* ****

09/920,240

Application Number

213200.00072			Examinor rame		<u> </u>		
Total Number of Pages in This Submission			Attorney Docket Number MP0039.CIP				
		ENCL	OSURES	(check a	all that apply)	_	
l v	claration(s) Request ent Request ure Statement with eferences ionity Regularity Regularity	Drawing Licensin Petition Petition Provisio Associa Termina Reques	nent Papers Application) (s) g-related Papers to Convert to a nal Application te Power of Attorney I Disclaimer t for Refund mber of CD(s)	y	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below):		
	SIGNATURE	OF APPLI	CANT, ATTORNE	EY, OR A	AGENT	_	
Firm or Individual name	Andrew J. Bateman Registration No.: 45						
Signature	And	w).B	nten	va-			
Date			07/08/2	2005			
	С	ERTIFIC	ATE OF MAILIN	1G		<u>\</u>	
	I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:						

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Typed or printed name								
Signature	D	ate						



FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known					
Application Number	09/920,240				
Filing Date	08/01/2001				
First Named Inventor	Pierte ROO				
Examiner Name	Eugene Yun				
Art Unit	2682				
Attorney Docket No.	MP0039.CIP				

METHOD OF PAYMENT (check all that apply)	METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)						
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Check Credit card Money Other None	3. ADDITI Large Entity						
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Deposit Account 50-1710	Code \$	Code	\$		Fee Paid		
Account	1051 130	2051		Surcharge - late filing fee or oath			
Name KATTEN MUCHIN ROSENMAN, LLP	1052 50	2052		Surcharge - late provisional filing fee or cover sheet	<u> </u>		
The Director is authorized to: (check all that apply)	1053 130	1053		Non-English specification			
Charge fee(s) indicated below Credit any overpayments	1812 2,520	1812 2	,	For filing a request for ex parte reexamination	├ ──		
Charge above Deposit Account with any additional fees	1804 920*	1804		Requesting publication of SIR prior to Examiner action	L		
necessary UNDER 37 CFR 1.16 AND/0R 1.17 to maintain	1805 1,840*	1805 1	,840*	Requesting publication of SIR after			
pendency of this application.	1051 100	2254	co	Examiner action			
FEE CALCULATION	1251 120 1252 450	2251 2252	60 225	Extension for reply within first month Extension for reply within second month			
1. BASIC FILING FEE Large Entity_Small Entity_	1252 450	2252	510	Extension for reply within third month			
Fee Fee Description Fee Paid	1254 1,590	2254	795	Extension for reply within fourth month			
Code (\$) Code (\$) 1001 300 2001 150 Utility Filing Fee [200 00]	1255 2,160	2255 1		Extension for reply within fifth month			
300.00	1401 500	2401	250	Notice of Appeal			
1111 500 2111 250 Utility Search Fee 500.00 1311 200 2311 100 Patent Examination Fee 200.00	1402 500	2402	250	Filing a brief in support of an appeal			
200.00	1403 1,000	2403		Request for oral hearing			
	1451 1,510	1451 1	1,510	Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 0.00	1452 500	2452	250	Petition to revive - unavoidable (1.17(I))	L		
	1453 1,500	2453	750	Petition to revive - unintentional (1.17(m))			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,400	2501	700	Utility issue fee (or reissue)	L		
Total Claims Fee X 50.00 =	1502 800	2502	400	Design issue fee	İ		
Independent - 3** = x 200.00 =	1503 1,100	2503	550	Plant issue fee			
Multiple Dependent 360.00 =	1460 130	1460	130	Petitions to the Director			
Large Entity Small Entity	1807 50	1807	50	Processing fee - provisional app (1.17(q)) Submission of Information Disclosure Stmt	180.00		
Fee Fee <u>Description</u> Code (\$)	1806 180	1806		Recording each patent assignment per	100,00		
1202 50 2202 25 Claims in excess of 20	8021 40	8021	40	property (times number of properties)			
1201 200 2201 100 Independent claims in excess of 3	1809 790	2809	395	Filing a submission after final rejection (1.129(a))			
1203 360 2203 180 Multiple dependent claim, if not paid	1814 130	2814	65	Statutory Disclaimer			
1204 200 2204 100 ** Reissue independent claims	4004 700			5 6 15 (555)			
over original patent	1801 790 1802 900	2801 1802		Request for Continued Examination (RCE) Req for expedited examination - Design App			
1205 50 2205 25 ** Reissue claims in excess of 20 and over original patent		•	300	red to expedited examination - design App			
SUBTOTAL (2) (\$) 0.00	Other fee (sp	ecify) _			<u></u>		
** or number previously paid, if greater; For Reissues, see above	*Reduced by Ba	asic Filing	Fee Pa	id SUBTOTAL (3) (\$) 180	.00		
SUBMITTED BY				,			
Name: Andrew J. Bateman Registration No.: 45,573 Telephone: (202) 625-3547							
A Regi	อเ <i>เ</i> สเเบ!! NO.:	7 ∪,€	<i>313</i>	(202) 320 00 i			
111R+					ĺ		
Signature: Oulling				Date: 07/08/2005			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 0 8 2005

In re Application of:

Pierte ROO

Application No.: 09/920,240

Filed: August 1, 2001

ACTIVE RESISTIVE SUMMER FOR For:

A TRANSFORMER HYBRID

Examiner: Eugene YUN

Group Art Unit: 2682

Confirmation No.: 4035

Date: July 8, 2005

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 and to the attached copies of any non-U.S. patent documents listed thereon.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

Authorization for payment of the IDS fee of \$180.00 is being filed concurrently herewith.

Should the Examiner have any questions, Applicant's undersigned attorney is reachable by telephone in our Washington, D.C. office at (202) 625-3547. The correspondence address of record is provided below.

Bv:

Respectfully submitted,

KATTEN MUCHIN ROSENMAN, LLP

Andrew J. Bateman

Registration No. 45,573

1025 Thomas Jefferson St., NW East Lobby, Suite 700 Washington, DC 20007-5201 Facsimile No.: (202) 298-7570

Katten Muchin Rosenman, LLP

07/12/2005 MBEYENE1 00000124 09920240

IP Docket

01 FC:1806

180.00 OP

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE			MP0039.CIP 09/920,240					
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LIST OF RI	EFERENCES CITED B	y applican [.]				Pierte ROO		
DATE SURMITTED	TO USPTO: July 8, 2005	JUL O	B 2005 &	FILING DATE		GROUP 2682		
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	TENT DOCUMENTS	The state of the s	1.08			_		
*EXAMINER INITIALS	DOCUMENT NUMBER	DATETRADI	COUN	ITRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT	
	DE 10 2004 017 497	11/2004	GERMANY				Abstract	
	EP 0 800 278	08/1997	EUROPE					
	JP 57-48827	3/1982	JAPAN				Abstract	
	JP 204527	8/1989	JAPAN				Abstract	
	TW 0545016	08/01/2003	TAIWAN			· ·	Abstract	
	TW 0512608	12/01/2002	TAIWAN				Abstract	
	TW 0497334	08/01/2002	TAIWAN				Abstract	
	JP 10-126183	05/15/1998	JAPAN				Abstract	
	JP 3-273704	12/04/1991	JAPAN				Abstract	
	JP 4-293306	10/16/1992	JAPAN				Abstract	
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	JP 58-111415	07/02/1983	JAPAN				Abstract	
	JP 7-131260	05/19/1995	JAPAN				Abstract	
	WO 00/28712	5/00	PCT					
	WO 00/28668	5/00	PCT					
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* EXAMINER: Initial if refi	* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SHEET OF							



ATTORNEY DOCKET NO. APPLICATION NO. FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE MP0039.CIP 09/920,240 **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Pierte ROO **GROUP FILING DATE** DATE SUBMITTED TO USPTO: July 8, 2005 08/01/2001 2682 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT NUMBER DATE NAME CLASS **SUBCLASS** FILING DATE INITIALS 2002/0136321 09/2002 CHAN 2003/0002570 01/2003 CHAN 2004/0005015 01/2004 CHAN 2004/0090981 05/2004 LIN, et al. 2004/0091071 05/2004 LIN, et al. 2004/0105504 06/2004 CHAN 2005/0025266 02/2005 CHAN CHAN 60/106,265 10/30/1998 WEINSTEIN 12/1978 4,131,767 5,323,157 06/1994 LEDZIUS, et al. 6,185,263 02/2001 CHAN 6,259,680 07/2001 BLACKWELL, et al. 6,259,745 07/2001 CHAN 6,373,908 04/2002 CHAN 6,389,077 05/2002 CHAN 06/2002 6,4111,647 CHAN 6,509,857 01/2003 NAKAO 6,594,304 07/2003 CHAN 6,690,742 02/2004 CHAN 6,744,831 06/2004 CHAN 6,188,282 02/01 MONTALVO 6,204,788 03/2001 TANI 6,236,346 05/2001 **SCHOFIELD EXAMINER DATE CONSIDERED**

SHEET 2 OF 6

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.



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08/01/2001 **U.S. PATENT DOCUMENTS** *EXAMINER **DOCUMENT NUMBER** DATE NAME CLASS **SUBCLASS** FILING DATE INITIALS 4,746,903 05/1988 CZARNIAK, et al. 5,043,730 08/1991 OBINNATA 11/95 **SMITH** 5,465,272 5,471,665 11/95 PACE, et al. 02/96 5,489,873 KAMATA, et al. 04/96 5,508,656 JAFFARD, et al. 5,517,141 05/96 ABDI, et al. 07/1996 NORSWORTHY 5,539,405 5,572,158 11/96 LEE, et al. 5,585,795 12/1996 YUASA, et al. 12/96 5,587,681 FOBBESTER 5,648,738 07/97 WELLAND, et al. 09/1997 5,663,728 ESSENWANGER 05/98 5,757,219 WEEDON, et al. 5,760,726 06/1998 KOIFMAN, et al. 08/98 5,798,664 NAGAHORI, et al. 5,844,439 12/98 ZORTEA 03/99 **BAZES** 5,880,615 5,940,442 08/99 WONG, et al. 6,043,766 03/00 HEE, et al. 6,044,489 03/00 HEE, et al. 6,121,831 09/00 MACK 6,140,857 10/00 BAZES 6,148,025 11/00 SHIRANI, et al. 6,163,283 12/2000 SCHOFIELD

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DATE CONSIDERED

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Applications, IEEE 3, September, 198 Everitt, James, et a SOLID-STATE CIF Kelly, N. Patrick, et ISSCC 2000/SESS Sold-State Circuits Song, Bang-Sup, et ISSCC 96/SESSIC Solid State Circuits LINEAR TECHNOI Technology Corpor LINEAR TECHNOI Linear Technology Yamaguchi, et al., Laboratories Ltd. a Uda, et al., "125Mb Communications D LANGUAGE TRAN Mueller, K.H., "Cor SYSTEM TECHNIN	et al., "A Precision ETRANSACTIONS OF TRANSACTIONS OF TRANSACTIONS OF TRANSACTIONS OF TRANSACTIONS OF TRANSACTIONS OF TRANSACTIONS OF TRANSACTION 18, "WA 18.5 – A MILION 18, "WA 18.5 – A MILION 18, "FP 12.1: NRZ TRANSERIAL DATA Conference pp. 194. OGY, High Speed M. OGY, LT1355/LT135 ation, pp. 1-16. OGY, LT1358/LT135 ation, pp. 1-12. OGY, LT1364/LT136 ation, pp. 1-12. OGY, LT1364/LT136 ation, pp. 1-12. OGY, LT1364/LT136 ation, pp. 1-12. OGY, LT1813/LT186 ation, pp. 1-16 400Mbit/s Submarine ENGLISH LANGL it/s Fiber Optic Transevelopment Div., NESLATION bining Echo Cancell CAL JOURNAL, Vol. gabit Ethernet PHY Capparation of English Cancell CAL JOURNAL, Vol. gabit Ethernet PHY Capparation of English Etherne	Baseline Offse N INSTRUME Piver for 10-M 12, December xed-Signal D COMMUNICA -311. Fiming Recover COMMUNICA -196. Bodem Solution 56, Dual and 59, Dual and 62, Dual and 65, Dual and 65, Dual and 65, Dual and 65, Dual and 65, Corporation ation and December 19, Fe	et and Drift Corrector for ENTATION AND MEASU b/s and 100-Mb/s Etherner 1998, pp. 2169-2177. FE/FFE Receiver for 100 TIONS/PAPER WA 18.5 rery Technique for Band-ATIONS/PAPER FP 12.1 ons, InfoCard 20, Linear Quad 12MHz, 400V/us Could 25MHz, 600V/us Could 50MHz, 800V/us Could 70MHz, 1000V/us d 3mA, 100MHz, 750V/us oeater Using Integrated Could 50MHz, 750V/us oeater Using Integrated Could 50MHz, 750V/us	REMENT, Vol. IM-34, No. let," IEEE JOURNAL OF DBase-TX Applications," , 2000 IEEE International Limited Channels," , 1996 IEEE International Technology Corporation. Dp Amps, Linear Dp Amps, Linear Dp Amps, Linear Op Amps, Linear Sop Amps, Linear Cop Amps, Linear		
"Gigabit Ethernet 1	000Base-T," GIGABI	TETHERNE	T ALLIANCE, copyright 1	1997		
Dorf, editor, CRC F	THE ELECTRICAL ENGINEERING HANDBOOK, Chapter 31, "D/A and A/D Converters," Richard C Dorf, editor, CRC Press, 1993					
pp. 3-1 to 3-11, co	yright 1982 by Digita	I Equipment	Corporation	uted Systems, Chapter 3,		
			ense multiple access wit ications", pp. 147-249	n collision detection		
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw fine through citation it not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 4 OF 6

FORM PTO 1449 MODIFIED				ATTORNEY DOC		APPLICAT	
U.S. PATENT AND TRADEM	MAHK OFFICE	TP		MP0039.CIP		09/920,240	
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*EXAMINER INITIALS	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE
	6,275,098	08/01	UEHARA, e	t al.			
	6,288,604	11/01	SHIH, et al.			· · ·	
	6,433,608	08/02	HUANG				
	6,509,857	01/2003	NAKAO				
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	6,477,200	11/05/2002	AGAZZI, et	al.			
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SHEET <u>5</u> OF <u>6</u>

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INITIALS	DOCUMENT NUMBER	DATE	T	NAME	CLASS	SUBCLASS	FILING DATE
	3,543,009	11/1970	VOELCHER	I, JR.			
	4,362,909	12/1982	SNIJDERS,	et al.			
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	5,222,084	06/1993	TAKAHASH	l			
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	5,663,728	09/1997	ESSENWA	NGER			
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